

JUNCTIONLESS OPHTHALMIC LENSES AND
METHODS FOR MAKING SAME

ABSTRACT OF THE INVENTION

Methods for producing a junctionless ophthalmic lens are provided. Additionally, ophthalmic lenses having junctionless, three dimensional surfaces, for example, asymmetrical anterior and/or posterior surfaces, as well as molding tools used in the production of such lenses, are also provided. The method generally include providing sample data points to define a surface contour, and interpolating between these data points using an algorithm to produce a simulated three dimensional surface. The simulated three dimensional surface is used in producing an ophthalmic lens, for example, in cast molding a contact lens.